

DfE Analytical Methods

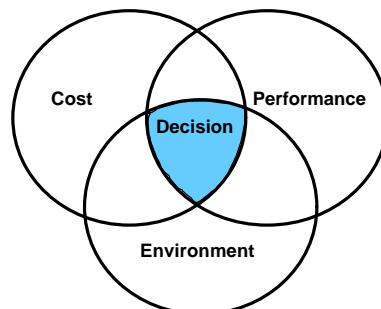
Cleaner Technologies Substitutes Assessment



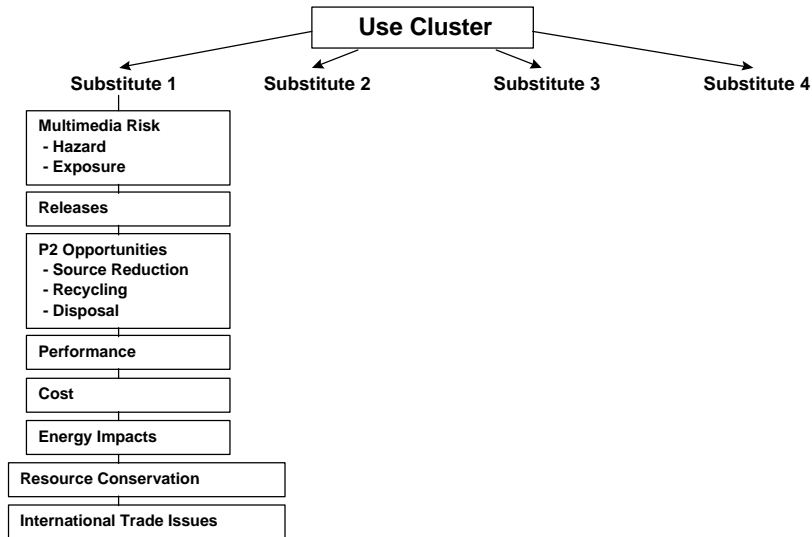
DfE Vision



- Business decision-makers integrate environmental concerns into cost and performance criteria



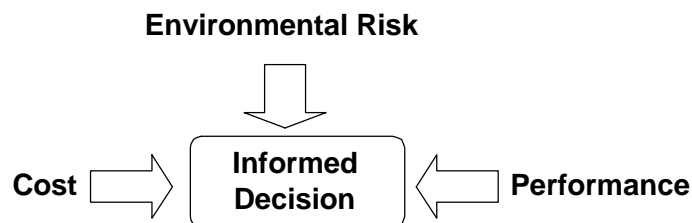
Evaluation Tools: CTSA



Technical Work



Goal: A Cleaner Technologies Substitutes Assessment (CTSA) provides a comparative evaluation of alternatives



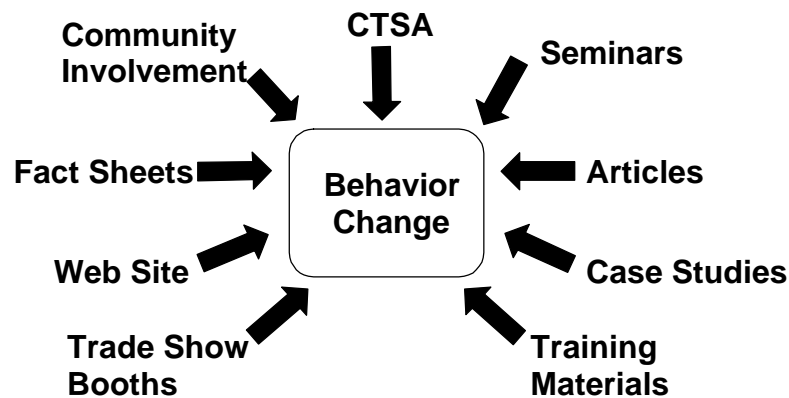


Technical Work

- Additional Decision Information
 - Natural Resource Use
 - Pollution prevention opportunities
 - Regulatory implications
 - Social benefits and costs



Communication/ Implementation



DfE Analytical Methods

Cleaner Technologies Substitutes Assessment



Speaker Biography: John O. Sparks

Present: Design for the Environment Program, Office of Pollution Prevention and Toxics, U.S. Environmental Protection Agency

Previous: Management, marketing, sales & technical positions pertaining to industrial processes in the manufacturing sector; Stratospheric Protection Division, Office of Air and Radiation

Education

B.S. in Chemistry from Ohio State University and an MBA from Miami University of Ohio.

He is the Project Officer for the ozone depleting solvents sector of the CFC phase out mandated under VI of the Clean Air Act and the Montreal Protocol treaty.